

IN THE CLAIMS:

The listing of claims will replace all prior version, and listings, of claims in the application.

Listing of Claims

1. (Original) .A method for forming a coated film of a thermoplastic material on a region of at least a part of an inner peripheral surface of a cylinder so as to extend in a whole circumferential direction thereof, comprising the steps of:

providing a paste applying machine for discharging a molten paste of said thermoplastic material kept molten by heating from a distal end of a nozzle;

arranging said nozzle in a space in said cylinder so that said molten paste is discharged toward the inner peripheral surface of said cylinder;

moving said nozzle along a rotational center of said cylinder within a range opposite to said region while rotating said cylinder in said circumferential direction and discharging said molten paste from said nozzle; and

spreading said molten paste applied to said inner peripheral surface by means of centrifugal force acting on said cylinder being rotated, to thereby wholly cover said region with said molten paste.

2. (Original) A method as defined in claim 1, wherein viscosity of said molten paste, a rotational speed of said cylinder and a speed of movement of said nozzle are determined so as to prevent said molten paste discharged onto said inner peripheral surface from said nozzle from being scattered to a region other than said region.

3. (Original) A method as defined in claim 2, wherein said nozzle has a discharge port formed into a substantially circle shape; and

said molten paste is discharged from said nozzle under a pressure of 1 kg/cm² or less under the conditions that said viscosity of said molten paste is set to be within a range of between 50cp and 100cp, said rotational speed of said cylinder is set to be within a range of between 2700 rpm and 3300 rpm, said speed of movement of said nozzle is set to be within a range of between 0.055 m/s and 0.08 m/s and a distance between said distal end of said nozzle and said inner peripheral surface of said cylinder is set to be within a range of between 3mm and 7mm.

Claims 4-7 (Cancelled)